Build the Cooper End Table

A Great Style and Easy Build Using the Cooper End Table Plans

I would consider this table to be a bit on the country side… Two drawers with a slatted shelf and roomy top, what's not to love? The Cooper end table plans are a super easy build and I'm sure with all of the great skills you've learned, it can be assembled in a day!

Materials:

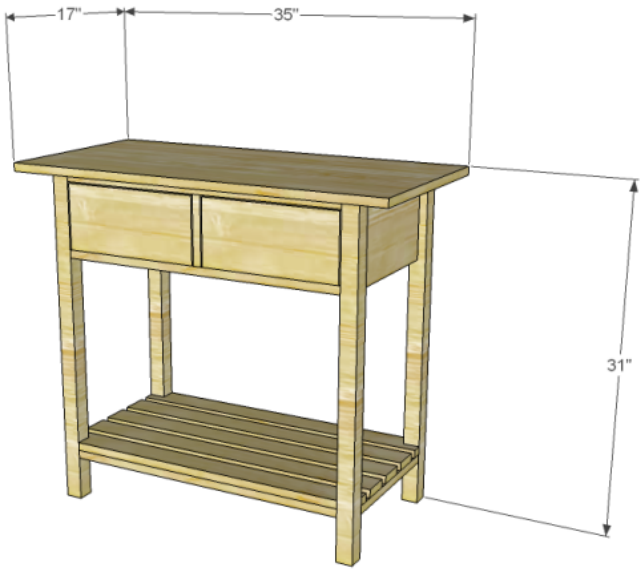
- 1-1/4″ pocket hole screws
- 1-1/4″ brad nails
- Edge banding, optional
- 2 – Cabinet pulls
- Wood glue
- Sandpaper (100, 150, 220 grits)
- Finishing supplies (primer & paint, or stain, sealer)
- Paste wax

Lumber:

- 2 – 1×2 at 8′
- 1 – 1×3 at 6′
- 1 – 1×3 at 8′
- 1 sheet of 3/4″ plywood

Cut List:

- 4 – 2×2 at 30-1/4″ – Legs
- 2 – 1×2 at 12-1/2″ – Lower Stretchers
- 2 – 3/4″ plywood at 7-1/2″ x 12-1/2″ – Side Panels
- 1 – 3/4″ plywood at 7-1/2″ x 26″ – Back Panel
- 4 – 1×2 at 26″ – Lower Front & Back Stretchers, Center Stretcher, Upper Stretchers
- 5 – 1×3 at 29″ – Slats
- 1 – 3/4″ plywood at 12-1/2″ x 26″ – Bottom
- 1 – 1×2 at 6″ – Front Divider
- 1 – 3/4″ plywood at 6-3/4″ x 12-1/2″ – Drawer Divider
- 1 – 3/4″ plywood at 17″ x 35″ – Top
- 2 – 3/4″ plywood at 10-7/8″ x 12-1/2″ – Drawer Bottom
- 4 – 3/4″ plywood at 5-7/8″ x 12-1/2″ – Drawer Sides
- 4 – 3/4″ plywood at 5-7/8″ x 12-3/8″ – Drawer Front & Back

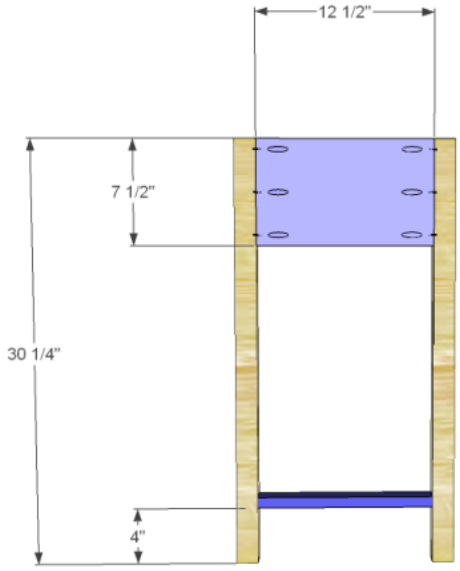


Click on the drawings for a larger view!

Step One

Cut the pieces for the legs, side panels, and lower side stretchers. With the pocket hole jig set for 3/4″ material, drill pocket holes in each of the shorter ends of the panels as well as each end of the stretchers. Secure the panels to the legs as shown using glue and 1-1/4″ pocket hole screws. The back face of the panels will be flush with the inside face of the legs.

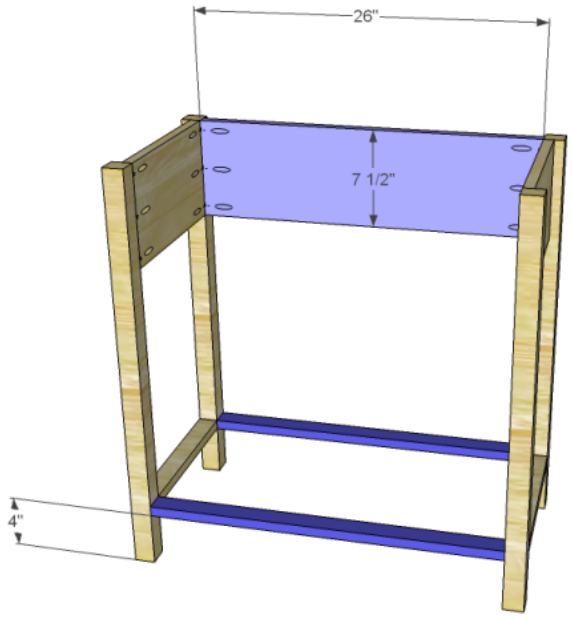
Secure the stretcher to the legs using glue and 1-1/4″ pocket hole screws. Orient the pocket holes so they face down and will not have to be filled.



Step Two

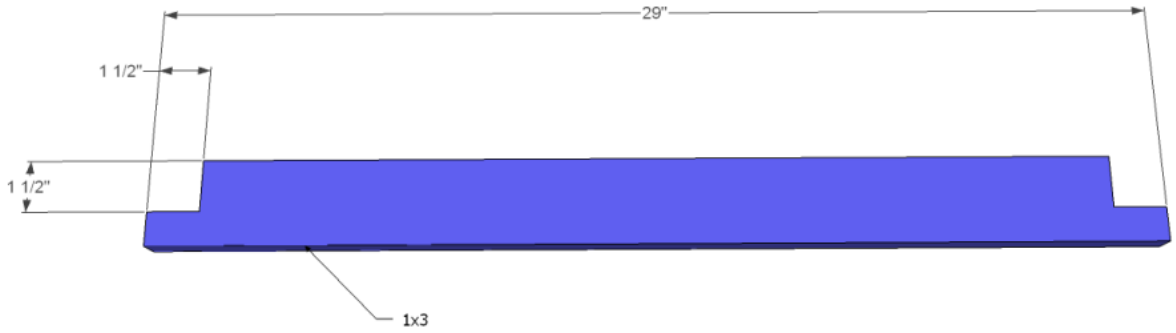
Cut the pieces for the lower front and back stretchers as well as the back panel. Drill pocket holes in each of the shorter ends of the panel as well as each end of the stretchers. Secure the panel to the legs as shown using glue and 1-1/4″ pocket hole screws. The back face of the panels will be flush with the inside face of the legs.

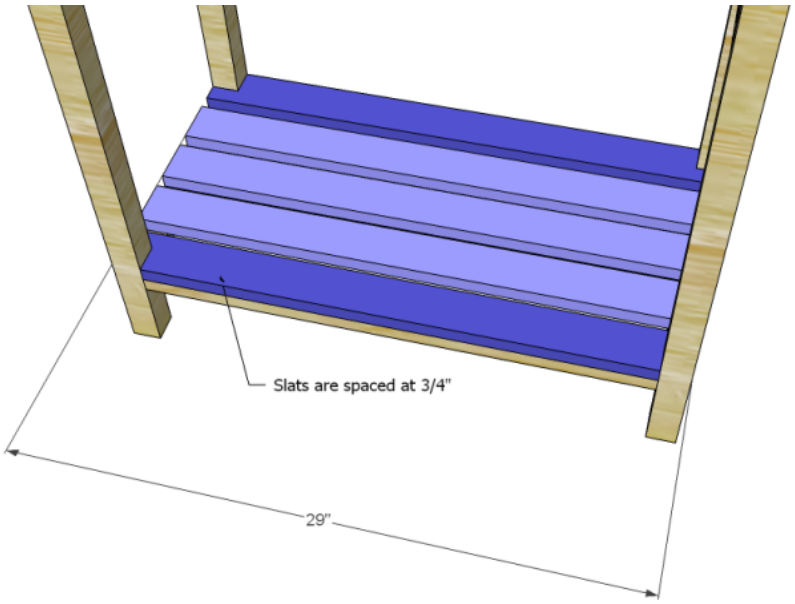
Secure the stretcher to the legs using glue and 1-1/4″ pocket hole screws. Orient the pocket holes so they face down and will not have to be filled.



Step Three

Cut the pieces for the slats. Two of the pieces will be notched so they will fit around the legs. The slats will be spaced approximately 3/4″ apart. Secure the slats to the lower stretchers using glue and 1-1/4″ brad nails.

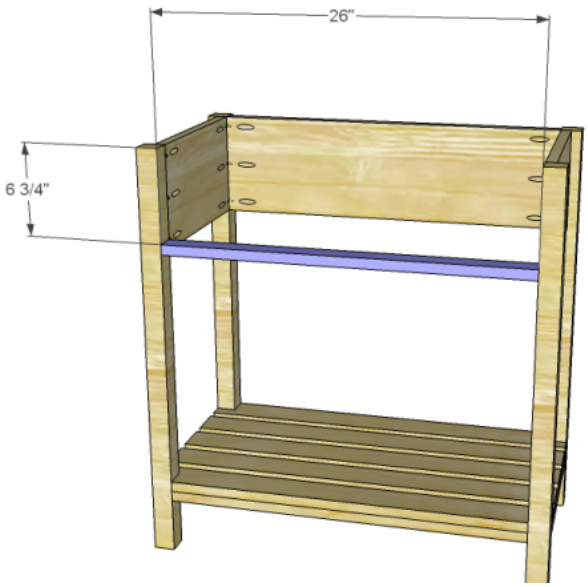


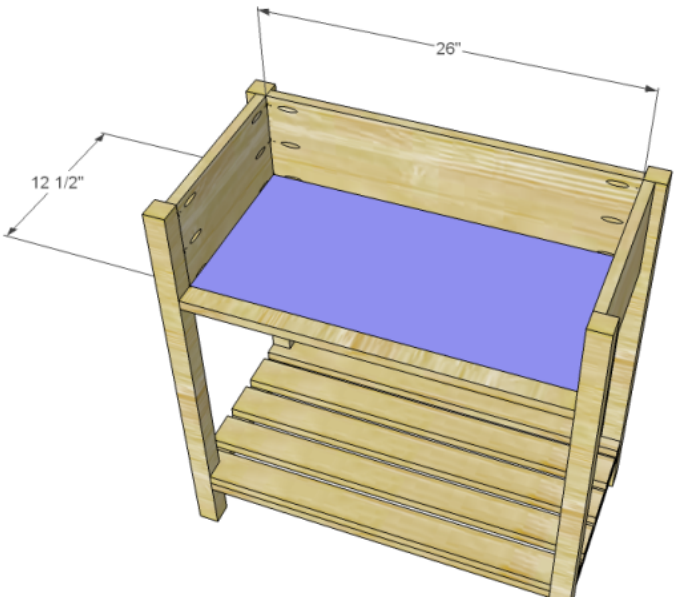


Step Four

Cut the piece for the center stretcher and drill pocket holes in each side. Secure the stretcher to the legs as shown using glue and 1-1/4″ pocket hole screws. Orient the pocket holes so they face down and will not have to be filled.

Cut the piece for the bottom and drill pocket holes in all four edges. Secure the bottom to the back, sides, and center stretcher using glue and 1-1/4″ pocket hole screws.

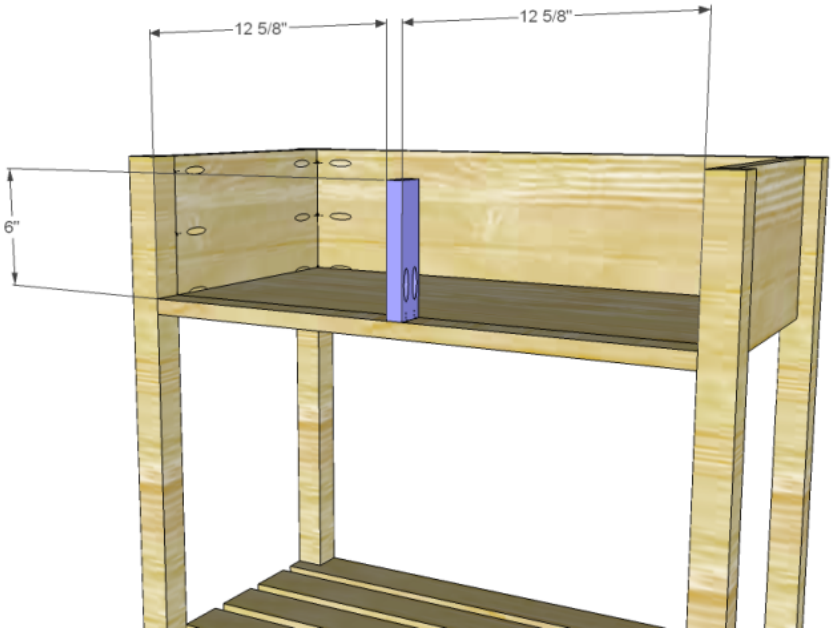


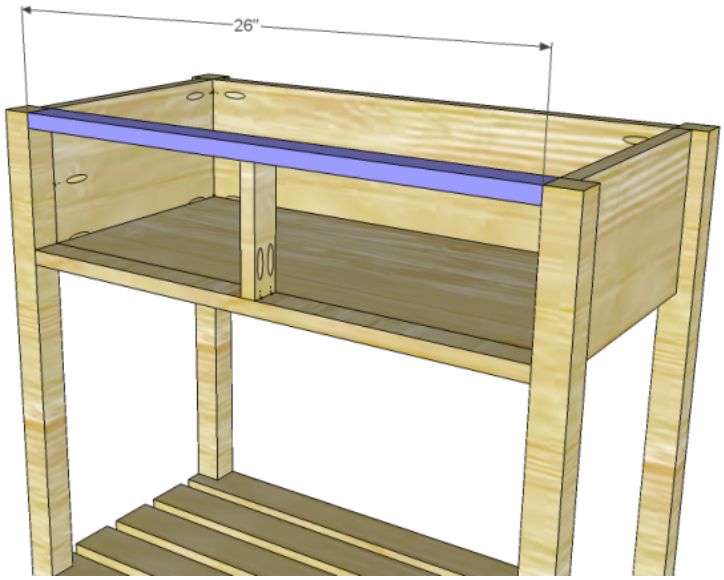


Step Five

Cut the piece for the front divider and drill pocket holes in one end only. Secure to the center stretcher as shown using glue and 1-1/4″ pocket hole screws.

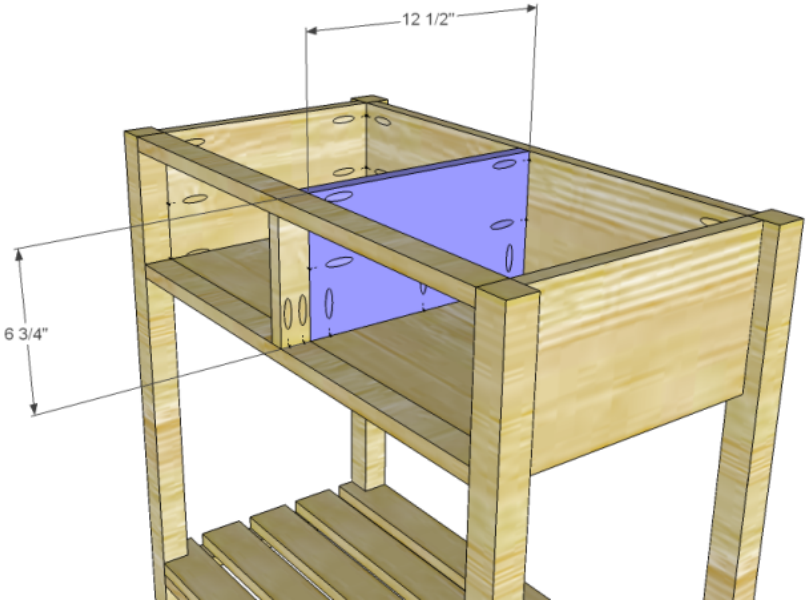
Cut the piece for the upper stretcher and drill pocket holes in each end. Secure to the legs using glue and 1-1/4″ pocket hole screws. Secure the upper stretcher to the divider using 1-1/4″ brad nails through the stretcher into the top of the divider.





Step Six

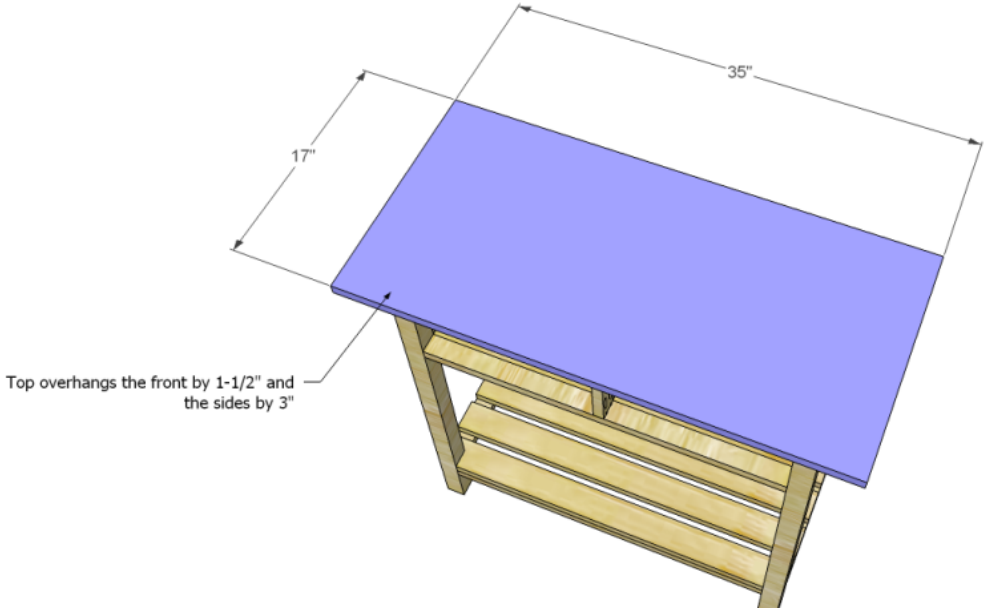
Cut the piece for the drawer divider. Drill pocket holes in the side and bottom edges. Secure to the front divider, bottom, and back as shown using glue and 1-1/4″ pocket hole screws.



Step Seven

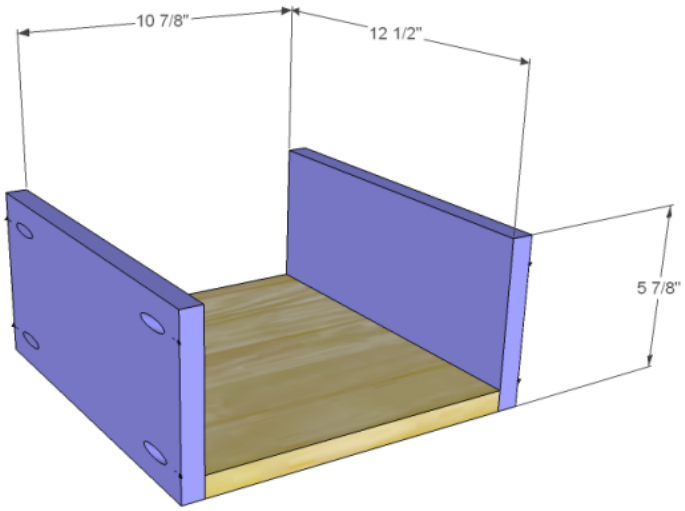
Cut the piece for the top. The front will overhang by 1-1/2″ and the sides will overhang by 3″. Secure in place using glue

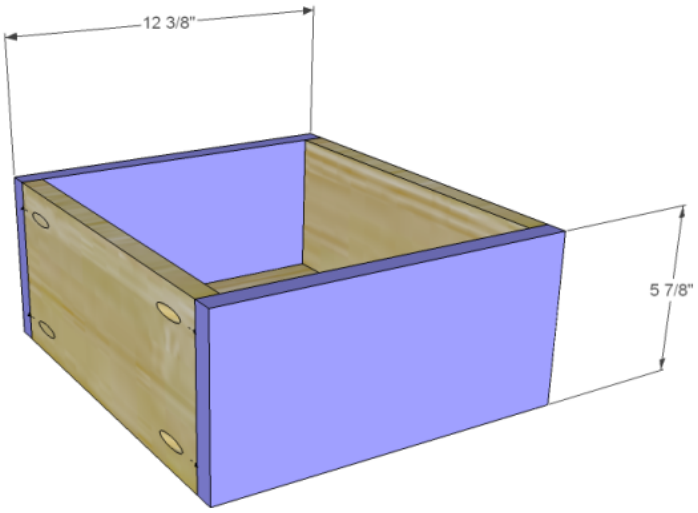
and 1-1/4″ brad nails.

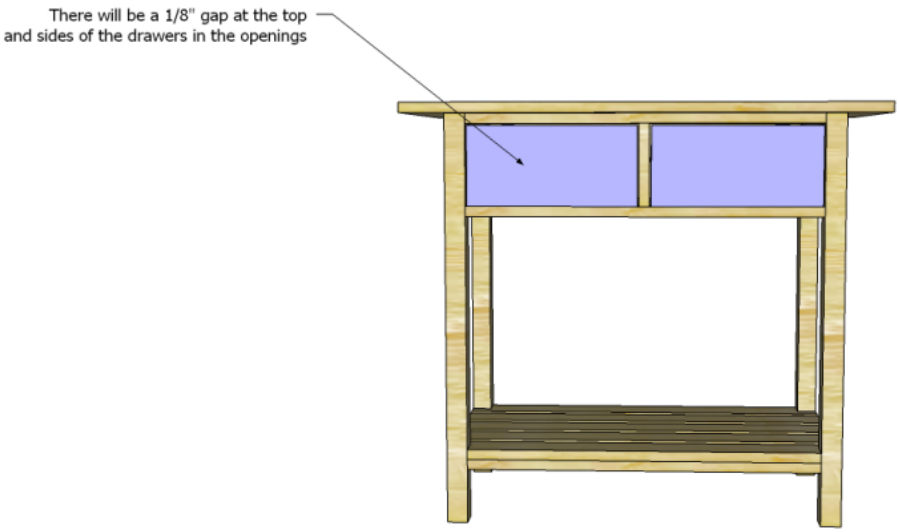


Step Eight

Cut the pieces for the drawer boxes. Drill pocket holes in all four edges of the bottom as well as each end of the sides. Assemble the drawer box as shown using glue and 1-1/4” pocket hole screws.







Finish as desired and apply a coat of paste wax to the bottom of the drawers to help them slide smoothly in the openings!

This table would be great in the bathroom to store towels and small toiletries. It would also look just as great in the dining room to store linens, or in the living room as a console! Need help with the Cooper end table plans? Let me know at cher {at} designsbystudioc {dot} com!